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FACSIMILE TRANSMISSION**DATE:** April 24, 2003**MATTER NUMBER:** 10107932

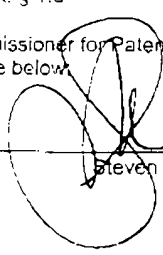
RECIPIENT:	FAX NO.:	PHONE NO.:
Gerald G. Leffers, Jr.	703-305-7939	

FROM: Steven L. Highlander**USER ID:** SH01973 **FLOOR:** 20**PHONE:** (512) 536-3184**FAX:** (512) 536-4598**RE:** Serial No. 09/612,809**NUMBER OF PAGES WITH COVER PAGE:** 15 **Originals Will Not Follow****Message:**

CERTIFICATE OF FACSIMILE TRANSMISSION
37 C.F.R. § 1.8

I hereby certify that this correspondence is being transmitted to: Commissioner for Patents, Washington, D.C. 20231, Attn: Examiner Gerald G. Leffers, Jr., GAU 1636, facsimile number (703) 305-7939 on the date below.

April 24, 2003
Date


Steven L. Highlander

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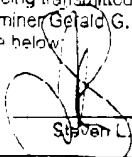
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April 24, 2003

CERTIFICATE OF FACSIMILE TRANSMISSION 37 C.F.R. § 1.8	
I hereby certify that this correspondence is being transmitted to: Commissioner for Patents, Washington, D.C. 20231, Attn: Examiner Gerald G. Leffers, Jr., GAIT 1636, facsimile number (703) 305-7939 on the date below:	
April 24, 2003 Date	 Steven L. Highlander

Commissioner for Patents
Washington, DC 20231

Re: Serial Number 09/612,809 entitled "THERAPEUTICS AND DIAGNOSTICS
FOR CONGENITAL HEART DISEASE BASED ON A NOVEL HUMAN
TRANSCRIPTION FACTOR" by Val C. Sheffield et al.
Our ref: IOWA:042USD1; Matter No. 10107932

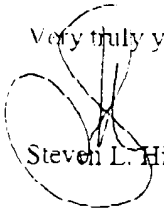
Commissioner:

Enclosed for filing in the above-referenced patent application is:

1. Response to Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures Dated April 18, 2003.

Should any fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, the Commissioner is authorized to deduct said fees from Fulbright & Jaworski L.L.P. Account No.: 50 1212/IOWA:042USD1.

Very truly yours,


Steven L. Highlander

SLH/cpj
Encl. As noted

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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, DC 20231
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APPLICATION NO / CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER

Gerald G. Leffers Jr.

ART UNIT

PAPER

1636

18

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents

The communication filed 2/4/03 is not fully responsive to the Office communication mailed 12/31/02 for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CFR Diskette Problem Report. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

Since the reply appears to a *bona fide* attempt to comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825), applicant is given a **TIME PERIOD of ONE (1) MONTH** from the mailing date of this communication within which to correct the deficiency so as to comply with the sequence rules (37 CFR 1.821 - 1.825) in order to avoid abandonment of the application under 37 CFR 1.821 (g). **EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).**

Any inquiry concerning this communication should be directed to Examiner **Gerald G. Leffers Jr.**, Art Unit 1636, whose telephone number is (703) 308-6232.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Remy Yucel** can be reached at (703) 305-1998. The fax number for the organization where this application or proceeding is assigned is (703) 308-4242.

Any inquiry of a general nature or relating to the status of this application, or relating to attachments to this office action, should be directed to the Patent Analyst **Zeta Adams**, whose telephone number is (703) 305-3291.

Gerald G. Leffers Jr.
Gerald G. Leffers Jr., PhD.
Examiner, Art Unit 1636

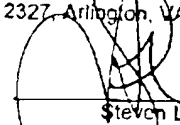
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January 30, 2003

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: U.S. Patent and Trademark Office, Box Sequence Listing, P.O. Box 2327, Arlington, VA 22202, on the date below:	
January 30, 2003 Date	 Steven L. Highlander

U.S. Patent and Trademark Office
Box Sequence, P.O. Box 2327
Arlington, VA 22202

Re: *U.S. Patent Application Serial No. 09/612,809 Entitled: "THERAPEUTICS AND DIAGNOSTICS FOR CONGENITAL HEART DISEASE BASED ON A NOVEL HUMAN TRANSCRIPTION FACTOR" - Val C. Sheffield et al.*
Our Ref. No. IOWA:042USD1; Matter No. 10107932

Commissioner:

Enclosed for filing in the above-referenced patent application is:

1. Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures.
2. Response to Notice to Comply with Requirement for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures Dated December 31, 2002;
3. Statement As Required Under 37 C.F.R. § 1.825(a) and (b) and Statement as Required Under 37 C.F.R. § 1.821(g); Substitute Computer Readable Form (Diskette); a Substitute Paper Copy; and
4. A return postcard to acknowledge receipt of these materials. Please date stamp and mail this postcard.

25257722.1

Commissioner For Patents
January 30, 2003
Page 2

If the check is inadvertently omitted, or the amount is insufficient, or should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, or should an overpayment be included herein, the Commissioner is authorized to deduct or credit said fees from or to Fulbright & Jaworski L.L.P. Account No.: 50-1212/IOWA:042USD1.

Respectfully submitted,



Steven L. Highlander
Reg. No. 37,642

SLH/cpj

Encl.:

Commissioner For Patents
January 30, 2003
Page 3

Bcc: Daniel G. Happe, Esq. (w/encl.)
W. Bruce Wheaton, Ph.D. (w/encl.)
Val C. Sheffield, Ph.D. (w/encl.) for distribution to:
Wallace L. M. Alward, Ph.D. (w/encl.)
Shiva Patil, Ph.D. (w/encl.)
Edwin M. Stone, Ph.D. (w/encl.)
Darryl Nishimura, Ph.D. (w/encl.)

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Priority Date:

<input type="checkbox"/> New Application For:	
<input type="checkbox"/> Foreign priority already claimed	<input type="checkbox"/> Divisional
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<input type="checkbox"/> Specification:	Pages: <input type="checkbox"/> Drawings: <input type="checkbox"/> Sheets: <input type="checkbox"/> Final Rejection
<input checked="" type="checkbox"/> Response to Office Action Dated: 09/27/02	
<input checked="" type="checkbox"/> Other: TRANSMITTAL LTR., NOT. TO COMPLY; RESPONSE TO NOT. TO COMPLY; STATEMENT AS REQ. SUB. COMP. READABLE FORM; DISKETTE; SUB. PAPER COPY AND RETURN POSTCARD.	
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IDENTIFICATION OF APPLICATION

FEB 04 2003

Serial No.: 09/612,809	
Title: THERAPEUTICS AND DIAGNOSTICS FOR CONGENITAL HEART DISEASE BASED ON A NOVEL HUMAN TRANSCRIPTION FACTOR	Attorney: SLH
Applicant: VAL C. SHEFFIELD ET AL.	F&J File No. IOWA-042USD1
Client: UNIVERSITY OF IOWA RESEARCH FOUNDATION	Due Date:
Mailed:	Filed: 01/30/03